GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 13 1968

T. T23N R. 20W

DUPLICATE

County Lake County

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level Approx. 2942')

Formations Log:

0 - 1 Black dirt.
1 - 36 Tan silty clay.
36 - 49 Gravel mixed in tan silty clay.
49 - 51 Coarse gravel imbedded in tan clay.
51 - 67 Sand & gravel imbedded in tan silty clay.
67 - 92 Gravel imbedded in tan & brown clay.
92 - 98 Broken green rock.
98 - 108 Green & yellow rock. Seeps of water.
108 - 133 Grayish green rock. Some water.
133 - 144 Purple rock.
144 - 148 Gray green rock.
148 - 172 Purple rock.
172 - 173 Purple & gray rock. Some water.
173 - 176 Gray rock.
176 - 181 Gray green rock.
181 - 183 Gray - purple rock. Some water.
183 - 184 Purple rock. Some water.
184 - 201 Gray & purple rock. Some water.
201 - 203 Gray, green & white rock. Some water.
203 - 210 Gray & purple rock. Total 60 gallons per minute.

Water rises in the well two feet from surface.

Show exact depth of bottom.

Bottom of hole 210'

Owner George Cecil Metcalf & Bernice Ethel Metcalf Address Polson, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

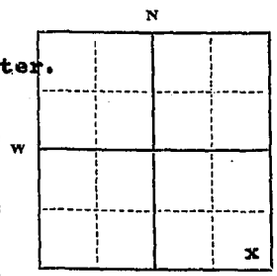
Date well started 2/5/68 Date completed 2/12/68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tools & Air Rotary (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x ¼"	+2	110'6"	NONE		



Lot 3 Cecil & Bernice Villa

¼ Sec. 21 T. 23N R. 20W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well two feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 176 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well Non-flowing

How Tested Air Lift Pump

Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through cracks and seams in rock below 133 ft. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not more than 50 to 75 percent of the tested capacity of aquifer. (Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Lot 3 Cecil And Bernice Villa

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52
Driller's License Number

William F. Osborne
Driller's Signature.

43,962

R-1102

1835-90

George Cecil & Bernice Smetcalf

To

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 8 day of Mar.
A. D. 19 68 at 10:00 o'clock A M

ETHEL M. HARDING
County Clerk and Recorder

By Mae Johnson Deputy

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

STATE WATER CONSERVATION BOARD

File No.....

JUL 11 1967

T. 23N R. 20W

TRIPLICATE

County Lake

Bills McDermott
Butcher McNulty
Coyle Morris
Darlington Sullivan
Dicker

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

Top of Ground Approx.

(Elev. above sea level 3220')

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frank W. & Grace B. Prochnow Address Polson, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 6/14/67 Date completed 6/21/67

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tools & Air Rotary (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒ Industrial ☐ Drainage ☐ Other ☐

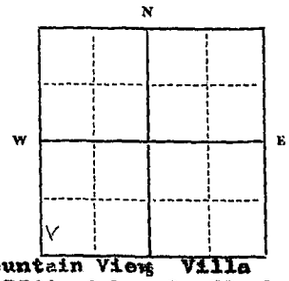
Formation Log:

0 - 1 Black dirt.
1 - 27 Tan clay with a few scattered gravels imbedded.
27 - 132 Green argillite. Fractures 127' to 129' 2 GPM
132 - 179 Green & tan argillite in alternate layers. Fractures 163' to 169' (70 GPM)

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x ¼"	+1	35	NONE		

Water rises in the well 4 feet from surface.



Mountain View Villa
West 739' of Lot 1, Block 2

¼ Sec. 21 T. 23N R. 20W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 4 feet.

Shut-in Pressure for Flowing Well Non-f.

Pumping Water Level 30 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well Non-flowing

How Tested Submersible Pump

Length of Test Six hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering the well from cracks and seams in the rock below 127 feet.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Approx. 2.67 Acres

Show exact depth of bottom.
Bottom of hole 179'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52
Driller's License Number

William E. Adams
Driller's Signature.

42,129

R-1077
180379
Well Report
Frank & Grace B.
Prochnow
to
The Public

STATE OF MONTANA } ss
County of Lake
Filed on the 7 day of July
A. D. 1967 at 9:32 o'clock A M
ETHEL M. HARDING
County Clerk and Recorder
By Eunice Courman
Deputy

23N - 20W

21

Approved Stock Form—State Publishing Co., Helena, Montana—40876

Lot 3, Block 2
Mountain View Villa

File No.....

T.....R.....

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 2 - 1963
STATE ENGINEER

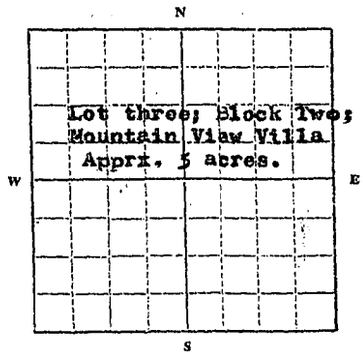
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Willett F. & Mildred A. WEBER, of Shoreline Route Polson, Montana
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 21 T 23 R 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domesic and Truck Garden and Family Orchard irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 20 May 1959 and continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Sixteen (16) gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Various portions of above noted five acres, all owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric operated pump located at well on property

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling begun, 18 May 1959, completed and well operated 20 May 1959.

8. The depth of water table Twentythree (23) feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Fortysix (46) feet deep with 6 inch I.D. well pipe (19 pounds per foot standard seamless) extending into well from ground level to depth of 44 feet.

10. The estimated amount of groundwater withdrawn each year 1,250,000 gallons

11. The log of formations encountered in the drilling of each well if available 0 to 1 ft. top soil; 1 to 44 ft. clay; 44 to 46+ ft. broken rock.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Drillers registration #215; driller, Glenn Camp 705 Alden St., Missoula, Montana. Well driller's report filed with Montana State Board of Health, Division of Environmental Sanitation, Helena, Montana, dated 26 May, 1959

Signature of Owner Willett F. Weber
Mrs. Mildred A. Weber

Dated: 28 June 1963 Mildred A. Weber

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

4867

R-175 160239

Willard J. & Mildred A. Weber

to

STATE OF MONTANA }
County of Lake, } ss

Filed on the 28 day of June
A. D. 1963 at 2:30 o'clock P M

HAZEL KINNICK
County Clerk and Recorder

By M. Kraus
Deputy

$2.00

G —Helena Independent Record

File No.....

DUPLICATE

T. 23N R. 20W 27

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

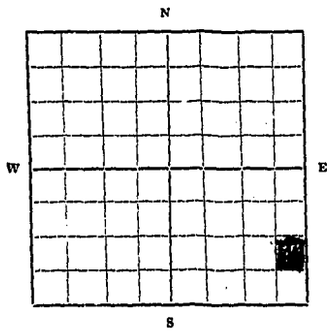
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 CHARLES T. OR FRANKIE C. GRIFFING, of RT. 1 TARGET RANGE MISSOULA
(Name of Appropriator) (Address) (Town)

County of MISSOULA State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E½ SE¼ ¼ Sec. 27 T 23 R 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based IRRIGATION FOR 10 ACRES

3. Date or approximate date of earliest beneficial use; and how continuous the use has been CONTINUOUS SINCE JULY 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 ACRES
GRIFFING CHARLES J + FRANKIE C

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal BY 7½ HP ELECTRIC PUMP 8"

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY 1952

8. The depth of water table UNKNOWN

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 42 ft 12" WELL CASING TOP 3 ft BELOW TOP GROUND

10. The estimated amount of groundwater withdrawn each year 20 000 000

11. The log of formations encountered in the drilling of each well if available SAND + GRAVEL

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Frankie C Griffing
Signature of Owner Charles J. Griffing

Date Dec. 16, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

15144

542 214 844

I received and filed this instrument for record on the 26 day of Dec 1963 at 2:15 o'clock ..... M., permanent files of Missoula County, State of Montana

Witness my hand:

MARVIN S. BENN ..... County Recorder

By ..... Deputy

Fee $ 2.00 ..... Paid

27

Form No. 18
8-60

T. [illegible] R. [illegible]

County LAKE

RECEIVED
JAN 2 1962
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner M. BINGHAMTON Address Box 1205, Polson

Driller [illegible] Address [illegible]

Date Started MAY 1960 Date Completed AUGUST 1960

Location: Sec. 7 T. [illegible] R. [illegible] ¼ sec. E1 LOT 5

Type of well DRILLED (Dug, driven, or drilled) Equipment used ROTARY (Churn, drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other

Casing: TOP ft. to 20 ft. Type C.H.T Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. . Ft. to ft.

Type of screen or perforations NONE

Static water level, for non-flowing well: 9 FT BELOW TOP 103" FROM BOTTOM feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 76 feet at 6 gal. per min.

How tested: ELECTRIC DRIVEN JET - PERMANENT INSTALLATION

Length of test 1½ HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth feet From	To	Description of Material Drilled
0	2.0	BLACK GRAVELLY LOAM
2.0	12.5	CLAY WITH OCCASIONAL LARGE ROCK
12.5	117.0	BLUE ROCK WITH SOME SEEPAGE
		IN LAST 10 FEET.
		SHOT WITH 5 STICKS 40% DYNAMITE
		AND WATER ROSE TO WITHIN 9 FEET
		OF TOP.
		WELL HEAD IS 2909 ABOVE SEA LEVEL
		AND 140 FEET WEST OF FLATHEAD LAKE

STATE OF MONTANA } ss
County of Lake,
Filed for record the 29 day of Dec
A.D. 19 61 at 10:30 o'clock AM
HAZEL KINNICK
County Clerk and Recorder
By Rebecca Thomas
Deputy

Water well log
W. B. Fortune
Dist Engr

R-65
152971

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

23N-20W 28

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner L.J. Anderson

Address Polson, Montana

Date well started 5/18/72

completed 5/19/72

For Administrator's Use
File 1484, 210446
Jun 27 1973
GW 1 16:00 p.m.

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Churn Drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

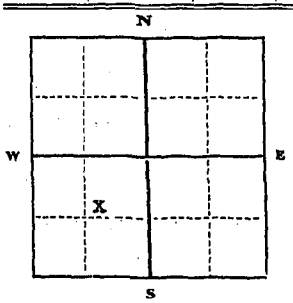
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 200,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" 17lb.	19" up	9'	torch cut	64'	76'
	5 5/8 25 lb.	7	76			



Static water level 50 ft.*
Pumping water level 50 ft.*
at 30 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 5 hours.
Power 23 Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Cement outside 6" casing from 5 to 7 ft.

Ferguson Heights lot 7 Blk 2
NW ¼ ¼ Sec. 28
T. 23 N R. 20 W
N/S E/W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature George O. Beebe

Driller's Address Box 17

Ravalli, Mont. LICENSE NO. 204

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	9	Tan clay substitute
9	19	Gray green bentonite [illegible]
19	76	Fractured gray green bentonite rock

76 ft. Show exact depth of bottom

54,031

Book 1484

210461

Well Report

C. J. Andersen

To

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 27 day of June

A. D. 1973 at 10:00 o'clock A M

ETHEL M. HARDING
County Clerk and Recorder

By Wilhelmina Laughlin
Deputy

2.00

GW 2

File No.

DUPLICATE

RECEIVED

FEB 24 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—42329

T. 23 N R. 20 W

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0-8	Clay
8-160	Blue-green, purple, and Dk. blue rock
160-180	Fractured red rock with stringers of clay.

180 Ft.
Show exact depth of bottom.

Owner Wallace Weivoda Address Polson, MT 59860

Driller Joe Johnson Drilling Address Terry, MT

Date of Notice of appropriation of groundwater.....

Date well started 12/16/69 Date completed 12/23/69

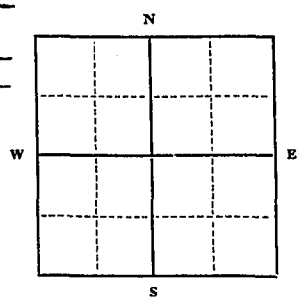
Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Rotary (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	6" ID 18.97#/ft	0	11	NONE		
6"		11	180			

Doc. No. R-1324, 202403
Filed for record this 23rd day of February A. D. 19 72, at 10:45 o'clock A M.



NW NW 1/4 NE Sec. 26 T. 23 N R. 20 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well .....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....106 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well 3

How Tested pump tested

Length of Test 18 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cemented casing in.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

15k
Driller's License Number

X Joe L. Johnson
Joe Leon Johnson
Driller's Signature

202403

R-1324

WALLACE WEIVODA

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA } ss
County of Lake

Filed on the 23 day of Feb
A. D. 1972 at 10:45 o'clock A M.

ETHEL M. HARDING
County Clerk and Recorder

By Jewell Bentz
Deputy

23N-20W

County Lake

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
DEC 5 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Harold F. and Doreen Alexander

Address Polson, Montana

Date well started 6/25/71

completed 6/30/71

For Administrator's Use
File R-1400, 206881
December 4, 1972 10:20 a.m.
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Chum drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

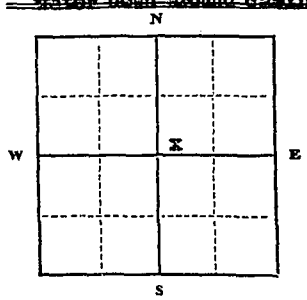
*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). One Acre South 150 ft., Lot 3

ESTIMATED ANNUAL WITHDRAWAL 8,935,200 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" x ½"	0	78			
6"	6 5/8" x ½"	+2	160	Mills Knife	110	115
					125	130
					145	150

Annulus around eight inch casing filled with puddled clay to prevent seepage of surface and other undesireable water down around casing



SW ¼ NE ¼ Sec. 29
T. 23 N R. 20 E/W

Static water level 13 ft.*
Pumping water level 84 ft.*
at 17½ gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for Two hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Water entering well through perforations in six inch casing and from cracks and seams in rock below 124 feet

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING & PUMP COMPANY

Driller's Signature [signature]

Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. (Elev. above sea level) 3025'

From (Feet)	To (Feet)	
0	1	Topsoil
1	50	Tan clay
50	52	Boulders
52	71	Tan silty clay. Seeps
71	110	Light green & tan rock
110	148	Green rock. Some water Total of 4 gallons per minute
148	158	Green broken rock. Some water. Total of ten gallons per minute
158	162	Green rock
162	163	Green rock, broken
163	165	Green rock
165	166	Green rock, broken. Some water. Total of 12 gallons per minute
166	168	Green rock. Water. Total of 20 gallons per minute

168 ft. Show exact depth of bottom

Water rises in well to 13 feet from surface.

51,950

R-1400

206881

Well Report

Harold F. & Doreen Alexander

to

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 4 day of December

A. D. 19 72 at 10:20 o'clock AM

ETHEL M. HARRIS
County Clerk and Recorder

By Donna Deane
Deputy

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—485.

29

File No.....

T. 23N. R. 20W.

DUPLICATE

County LAKE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground

(Elev. above sea level.....)

0 - 6
6 - 22 Clay
22 - 60 Gravel with layers of clay
60 - 95 Clay with layers of quicksand
95 - 100 Fractured rock and gravel

Owner James Anderson Address Polson, Mt.

Driller Joe Johnson Drlg. Address Polson, Mt.

Date of Notice of appropriation of groundwater.....

Date well started 1/3/70 Date completed 1/8/70

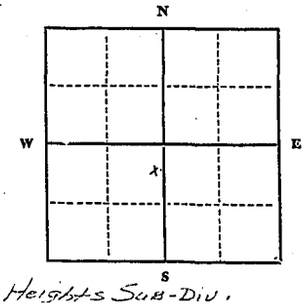
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Rotary & Cable (Churn drill, rotary, other) Tool

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" ID 18.97#/ft.	+1	97	N O N E		

Doc. No. 195104
Filed for record this 2 day of September A. D. 19 70, at 4:45 o'clock P M.



Static Water Level for non-flowing well 16 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 50 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailer Tested

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

Ferguson Heights Sub-Div.
Lot 1 - Blk 1. E½ ¼ Sec. 29 T23N R20W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

47448

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

154
Driller's License Number

Joe Jack Johnson
Driller's Signature

R-1227 #195104

WELL REPORT

JAMES ANDERSON

TO

THE PUBLIC

Ferguson Heights

STATE OF MONTANA
County of Lake

Filed on the 2 day of Sept. A.D. 1970 at 4:45 o'clock PM

Ethel M. Harding
County Clerk &
Recorder

Jewell Bertz
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No.....

T. 23 N R. 20 W 29

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 28 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 2916)

1' of top Soil

39' of Clay

58' of Hard Rock

21' of Soft Rock

Water encountered at 49' & 119' in Rock

Water rises in Well 102'

719'

Owner Edwin A. Hannon Address Polson

Driller Fred Monison Address Pablo Mont.

Date of Notice of Appropriation of Groundwater.....

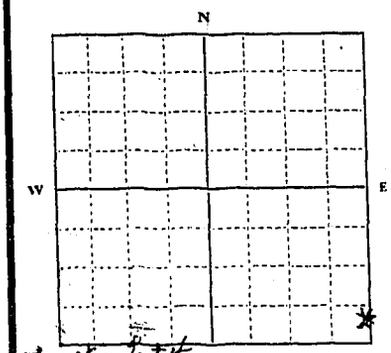
Date well started Sept. 9 Date Completed Sept. 24, 1964

Type of well (dug, driven, bored or drilled) Drilled Equipment Used (Churn, drill, rotary, other) Churn

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

☞ Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 19 Pounds Foot	Cared from ground level	40' below ground level			



Fract in Lot 4

.....¼..... Sec. 19 T. 23 R. 20

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 17' from ground level feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 110' feet at 2 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Bailer Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Show exact depth of bottom.

108
Driller's License Number

Fred Morrison
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38605

167467

R-963

Water Report

Edwin A. Hanson

to

The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 27 day of Oct.
A. D. 1964 at 11:35 o'clock A. M
HAZEL KINNICK
County Clerk and Recorder
By Mae Johnsen
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—38496

29

File No.....

T. 23 R. 20

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 1 1963
STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0-2 BLACK DIRT
2-28 TAN CLAY
28-45 BROKEN GREEN ROCK, SEEPS OF WATER IN CRACKS AND SEAMS - SWL 29 1/2' -

BOTTOM OF WELL 45'

Owner ARTHUR H. EVJEN Address BOX 716 POLSON, MONTANA

Driller LIBERTY DRILLING CO. Address MISSOULA, MONTANA

Date of Notice of Appropriation of Groundwater.....

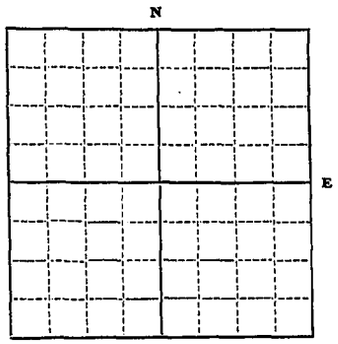
Date well started APRIL 2, 1962 Date Completed APRIL 12, 1962

Type of well DRILLED (dug, driven, bored or drilled) Equipment Used CABLE TOOLS (Churn, drill, rotary or other)

Water Use: Domestic ☑ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

☞ Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 17#	+1	32'5"	NONE		



Lot 7 of Lot 4
NW¼NW¼SE¼ Sec. 29 T. 23 R. 20

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 29 1/2 feet.

Shut-in Pressure for Flowing Well NON-FLOWING

Pumping Water Level 39 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well NON-FLOWING

How Tested BAILER Length of Test 7 HOURS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) ALL WATER ENTERING WELL THROUGH CRACKS AND SEAMS IN THE ROCK FROM 30 TO 45 FEET.

Arthur H. Evjen

52
Driller's License Number

William F. Osborne
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6107

R-241 161259

STATE OF MONTANA }
County of Lake, } ss
Filed on the 24 day of Sept
A. D. 1963 at 9.00 o'clock A. M.
Grace Thomas
County Clerk and Recorder
By _____
Deputy

2 ✓✓

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 18 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

23N-20W 29

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located; last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Frank E. Hodge and Elma V. Hodge

Address: Box 10, Polson, Montana 59860

Date well started: 8/17/71

completed: 8/18/71

Type of well: Drilled (Dug, driven, bored or drilled)

Equipment used: Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation* ☐

Industrial ☐ Drainage ☐ Other ☒* Garden/Lawn* ☐

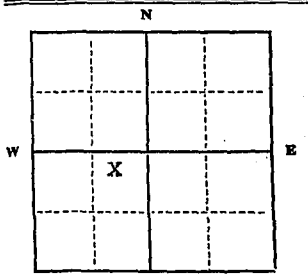
*Describe: Drain into pond

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 8 Acres

ESTIMATED ANNUAL WITHDRAWAL 15,768,000

For Administrator's Use
File R-1322, 202363
Feb. 17, 1972 3:00 p.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD by ¼"	+2'	36'9"	NONE		



Static water level 39 ft.*
Pumping water level 80 ft.*
at 30 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump for 2 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) A milled drive shoe is welded to bottom of eight inch casing. All water entering well through cracks and seams (Con't)

NE ¼ SW ¼ Sec. 29
T. 23 N R. 20 ~~XXX~~ W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY

Driller's Signature: William J. Orlando

Driller's Address: 2500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. (Elev. above sea level) 2932'

From (Feet)	To (Feet)	
0	1	Topsoil
1	30	Tan clay
30	36	Tan clay and gravel
36	93	Green rock
93	99	Fractured tan and green rock in thin alternate layers. Red clay in cracks and seams
99	108	Green rock
108	110	Fractured green rock. Water 7gpm
110	112	Green rock
112	114	Fractured green rock. Water 15gpm
114	121	Green rock
121	122	Fractured green rock Water. 20gpm
122	128	Green rock
128	133	Fractured green rock. Water 30 gpm
133	135	Green rock

135' Show exact depth of bottom

Water rises in well 39' from surface.

49,890

(Con't) in the rock below 110 feet.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

R 1322

202363

WELL REPORT

FRANK E. & ELNA HODGE

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Lake

Filed on the 17 day of July
A. D. 19 72 at 3:00 o'clock P.M.
ETHEL M. HARDING
County Clerk and Recorder
By [illegible]
Deputy

23N-20W

3 GW 2 Revised 1969
13—3M—10/69

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 26 1971

County [redacted]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Larry Hoffman

Address: West Shore
Polson, Mont.

Date well started: [redacted] Sept. (20)

completed: 27 Sept.

Type of well: Drilled (Dug, driven, bored or drilled)

Equipment used: Churn Drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

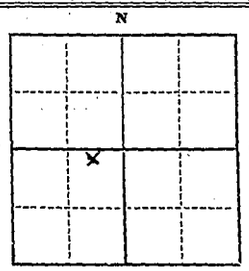
*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 5,000

For Administrator's Use	
File	200719 October 22, 1971 1:30 pm
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8 o.d. 17#	2' above ground	42'	5" plastic saw cut liner	40'	70'



Static water level 16 ft.*
Pumping water level 55 ft.*
at 10 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by bailer
for 4 hours.
Power 220 Pump 1/3 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Ferguson Hts L 10-131
E½ SW ¼ Sec 29
T 23 N/S R 20 E/W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: George O. Beebe

Driller's Address: Box 47
Ravalli, Mont.

LICENSE NO. 204

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	topsoil
2	29	tan clay
29	41	soft tan rock
41	56	hard brown rock
56	67	hard gray rock
67	70	very hard green rock

70 ft. Show exact depth of bottom

49331

R- 1298

200719

Well Report

Larry Hoffman

to

The Public

STATE OF MONTANA }
County of Lake } ss

Filed on the 22 day of Oct. 22

A. D. 19 71 at 1:30 o'clock P M

ETHEL M. HARDING

County Clerk and Recorder

By Wilhelmina Lungler

Deputy

2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
SEP 28 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

23N-20W 29

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Odean J. and Helen M. Hulsing

Address Box 176

Columbia Falls, Montana

Date well started 8/28/72

completed 8/30/72

For Administrator's Use
File R-1387 205836
Sept 27, 1972 - 8:15 a.m.
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

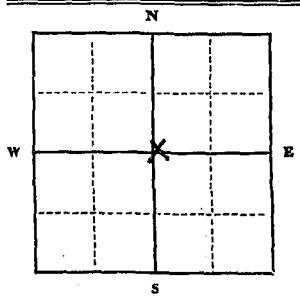
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Part of Lot 4, TR6

ESTIMATED ANNUAL WITHDRAWAL 31,536,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
10"		0	41'8"			
	8 5/8" OD x ¼"	+2	41'8"			
8"	6 5/8" OD x ¼"	15	155	Torch Cut	135	155



SW ¼ NE ¼ Sec. 29
T. 23 N R. 20 E/W

Static water level 12 ft.*
Pumping water level 79 ft.*
at ±60 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump for Three hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in six inch casing. Wells in this area can be de- Cont'd

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature LIBERTY DRILLING COMPANY

Driller's Address Highway 93 South

Kalispell, Montana LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx (Elev. above sea level) 2925'

From (Feet)	To (Feet)	
0	1	Topsoil
1	34	Tan clay
34	55	Tan rock
55	107	Green rock
107	110	Tan, brown and green rock in thin alternate layers
110	146	Green rock. Five gallons per minute
146	155	Fractured green rock. Total 60 gallons per m minute.

155 Show exact depth of bottom

Water rises in well 12 feet from surface.

51,487

pended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

H-12 1387

205836

WELL REPORT

ODEAN J. & HELEN M. HULSING

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Ravalli

Filed for record 27 day of Sept A.D. 72 8:15 o'clock a.m.

ETHEL M. HARDING
County Clerk and Recorder

By [illegible] Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4855.

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 2 1969

T. 23 N. R. 20 W.

DUPLICATE

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground

(Elev. above sea level 2932)

Soil
Clay
Rock
Gravel

-- Water rises to this level

Some water

Show exact depth of bottom.

Owner Gordon & Jean Kvande Address Box 1657 Polson, Mt.

Driller Gordon Kvande Address Box 1657 Polson, Mt.

Date of Notice of appropriation of groundwater.....

Date well started 6/1/68 Date completed 7/15/68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Drill (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" .219 Black Pipe	Ground Level	38.5	None	- - - -	- - -

N
W E
S

So. ½ of Tract 10 Part of Lot 10 ¼ Sec. 29 T. 23 R. 20

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well -

Pumping Water Level 78.5 feet at 6 (six) gal. per minute.

Discharge in gal. per min. of flowing well ----

How Tested Pumped

Length of Test 6 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water coming into the well is from cracks and seams in the rock from 40 feet to 80 feet and from gravel in the bottom of the well.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Gordon Kvande
Driller's Signature

45695

R- 1168

190562

GORDON & JEAN KVANDE

TO

THE PUBLIC

STATE OF MONTANA
County of Lake } ss

Filed on the 30 day of Sept

A. D. 19 69 at 4:50 o'clock P M

ETHEL M. HARDING
County Clerk and Recorder

By Jewell Bentz
Deputy

2.00

23N-20W 79

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Alvin Mc Kay

Address Polson, Montana

For Administrator's Use
File 194828 August 12, 1970 3:45 P.M.
GW 1

Date well started 7/10/70

completed 7/22/70

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Cable Tool (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

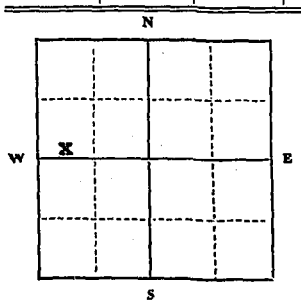
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" ID 17#	+1	224			
	19# 5" ID	220	285		220	285



Static water level 30 ft.*
Pumping water level 200 ft.*
at 10 gallons per minute,
measured 240 minutes after pumping began.
*Measured from ground level.
Well developed by Bailing
for 4 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

S½ ¼ NW ¼ Sec. 29
T. 23 N R. 20 E X W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address Joe Johnson Drlg. Terry, Mont.

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	66	Tan Clay
66	78	Tan Clay & Chunks of Rock
78	81	Tan Clay - Fine Gravel 2 gpm silty water
81	96	Broken Tan Rock Hard & Soft Streaks
96	118	Hard Gray Clay & Gravel
118	156	Reddish Brown Clay and Gravel
156	178	Greenish Tan Clay and Gravel
178	221	Fractured Rock
221	256	Soft Tan & Green Fractured Rock
256	285	Tan Clay & Chunks of Rock

285' Show exact depth of bottom

47353

R- 1222

194828

Will Report

Alvin McKay

TO

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 12 day of August
A.D. 1970 at 3:45 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
By Wilhelmina Langhelm
Deputy

2.00

GW

File No.

DUPLICATE

LOG

Approved Stock Form--State Publishing Co., Helena, Montana—45642

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 18 1968

T. 23N R. 20W

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harry P. & Barbara W. Medland Address Polson, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 1/8/68 Date completed 1/31/68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tools & Air Rotary (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Top of Ground Approx.
(Elev. above sea level 2932')

Formations Log:

0 - 68 Tan silty clay.
68 - 96 Tan silty clay. Some gravel mixed in.
96 - 101 Tan silty clay mixed with gravel. Seeps of water.
101 - 110 Broken green rock. Seeps of water.
110 - 126 Green and yellow rock in alternate layers. Seeps of water.
126 - 138 Hard gray rock.
138 - 141 Brown rock.
141 - 159 Hard gray rock.
159 - 199 Green and tan rock in alternate layer.
199 - 226 Hard gray-green rock.
226 - 227 Tan rock.
227 - 229 Hard gray-green rock.
229 - 230 Tan rock.
230 - 232 Gray-green rock.

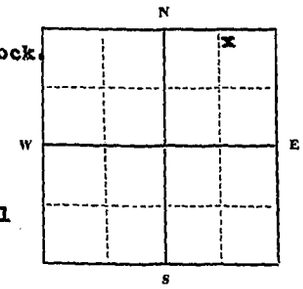
Water rises in the well free flow 4 GPM

Show exact depth of bottom.

Bottom of hole 232'

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x ¼"	+1½'	109'8"	NONE		



Static Water Level for non-flowing well Free flow feet.

Shut-in Pressure for Flowing Well 4#

Pumping Water Level 135 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well 4

How Tested pump test

Length of Test Four hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) Most of the water flow is coming from fractures in the rock between 226 feet and 238 feet.

Lot 1 ¼ Sec. 29 T. 23N R. 20W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Approx. 0.73+ Acres

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52
Driller's License Number

William S. Osborne
Driller's Signature.

44,767

R1131

786744

Well Report

Barbara N. Medland

Harry P. Medland

to

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 14 day of Nov

A. D. 19 68 at 4:15 o'clock P M

ETHEL M. HARDING

County Clerk and Recorder

By Eunice Cowman

Deputy

Bk 66 3

23N-20W Lake 29

County Lake

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 13 1971

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Walter + Helen Myers

Address Box 711
Polson Mont

Date well started 10/1/69
completed 10/3/69

For Administrator's Use
File
GW 1

Type of well DRILLED (Dug, driven, bored or drilled)

Equipment used ROTARY (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

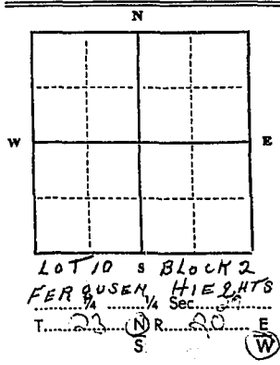
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7-7/8"	6" ID 18.97 #FT.	0	40	NONE		
6"	4½ OD 11 #FT.	30	107	SLOTS 1/8 x 6	86	107



LOT 10 & BLOCK 2
FERGUSEN HEIGHTS
¼ ¼ Sec.
T. 23 N R. 20 E

Static water level 50 ft.*
Pumping water level 67 ft.*
at 14 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature JOE JOHNSON

Driller's Address TERRY MONT.

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	16	YELLOW SAND WITH BLUE BOULDERS
16	40	RED CRUMBLY ROCK
40	90	BLUE + GREEN SOLID ROCK
90	107	YELLOW FRACTURED ROCK

Show exact depth of bottom

49054

R- 1289
#200073

WALTER & HELEN MYERS

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA } ss
County of Lake

Filed on this 10 day of Sept
A. D. 19 71 at 11:05 o'clock a M
ETHEL M. HARDING
County Clerk and Recorder
BY Jewell Bentz Deputy

3 . 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 23 1971

23N-20W 29
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tony Nohejl

Address West Shore

Polson, Montana 59860

Date well started 6/30/71

completed 6/30/71

For Administrator's Use
File 2...1.57 #1306
Nov. 19, 1971 4:30 P.M.
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 15,768,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD x 1/4"	+1'6"	77'4"	NONE		

N
W X E
S

SW ¼ NE ¼ Sec. 29
T. 23 N R. 20 ~~X~~ E ~~X~~ W

Static water level 22 ft.*
Pumping water level 67 ft.*
at 30 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for 2 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Annulus around eight inch casing is filled with puddled clay to prevent seepage of surface and other (Con't)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY

Driller's Signature [signature]

Driller's Address 2500 Reserve

Missoula, Montana 59801 LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. (Elev. above sea level) 3025'

From (Feet)	To (Feet)	
0	1	Topsoil
1	53½	Tan clay
53½	77	Tan clay with gravel mixed in
77	80	Clean gravel

80' Show exact depth of bottom

Water rises in well 22' from surface.

49454

(Con't)

undesireable waters down around casing. All water entering well through open bottom of eight inch casing.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

R 1306

201157

WELL REPORT

TONY NOHEUL

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Lewis

Filed for record this 19 day of [illegible]
A.D. 19[illegible] at 4:30 o'clock P M

STEL H. HARDING
County Clerk and Recorder
By [illegible] Deputy

200

23N-20W 29

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 25 1971

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Homer G. & Jean A. Reed

Address Box 1263

Polson, Montana

Date well started 5/24/71

completed 5/25/71

For Administrator's Use
File C-1269 198999
June 24, 1971 2:14 PM
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

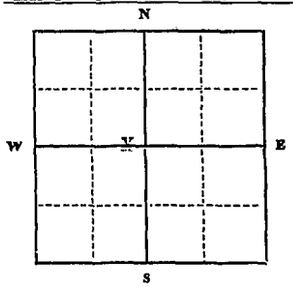
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Lot 9, Block 2, Ferguson Heights Dedicated Subdivision.

ESTIMATED ANNUAL WITHDRAWAL 7,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"		0	138'			
6"	6 5/8" OD x 1/4"	1'9"	139'9"	Torch cut	118'	138'



SW ¼ NW ¼ Sec. 29
T. 23 N R. 20 E/W

Static water level 52 ft.*
Pumping water level 105 ft.
at 20 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for 8 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Annulus between six inch casing and eight inch hole is grouted with six sacks of cement.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY
Driller's Signature William F. Osborne

Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 2970'

From (Feet)	To (Feet)	
0	1	Topsoil
1	16½	Tan clay, gravels & cobblestones
16½	57	Green rock
57	83	Green fractured rock with stringers of tan
83	89	Green rock
89	104	Tan, brown and gray rock, broken with red clay in cracks & seams
104	107	Gray rock
107	115	Tan & green broken rock
115	126	Green rock
126	128	Green broken rock
128	138	Green rock.

~~138 ft.~~ Show exact depth of bottom

Water rises in well 52 ft. from surface.

48665

All water entering well through perforations in six inch casing.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

R-

1269

189999

WELL REPORT

HOMER G. & JEAN A. REED

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Lake

Filed on the 24 day of June
A.D. 19 71 at 2:15 o'clock PM

ETHEL M. HARDING
County Clerk and Recorder

By [illegible]
Deputy

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 29 1971

23N-20W 30

3 GW 2 Revised 1969
13—3M—10/69

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Wayne Kejin

Address Polson, Montana

For Administrator's Use
File 201223
11-26-71 11:20 A.M.
GW 1

Date well started 1 Oct. /71

completed 19 NOV. / 71

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Churn drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 4,200,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8 od 17 #	19" up	132'	XXXXX	XXXXX	XXXX

N
W E
S

SW ¼ NE ¼ Sec. 30
T. 23 N R. 20 E

Static water level Flow ft.*
Pumping water level 20 ft.*
at 29 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 4 hours.
Power XXXX Pump XXXX HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

1" free flow discharge at ground level

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature George O. Beebe

Driller's Address Box 47

Ravalli, Mont. LICENSE NO. 204

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	4	tan clay
4	17	tan clay, streaks of gravel
17	19	clay & cobblestone
19	26	tan clay & gravel mixed
26	40	sandy sandy
40	46	sandy gray clay/ gravel
46	58	gray clay, cobble stones, boulders
58	69	gray sandy clay
69	109	gray clay/fine gravel mixed
109	128	gray clay, streaks of gravel — seep of water
128	131	gray clay & gravel
131	132	clean gravel / water
132	??	gray clay

132 Show exact depth of bottom

49479

R- 1307

201223

WELL REPORT

WAYNE EVJEN

TO

THE PUBLIC

STATE OF MONTANA
County of Lake } ss

Filed on the 26 day of Nov

A.D. 19 71 at 11:20 o'clock A M

ETHEL M. HARDING

County Clerk and Recorder

By Louise Barnes

Deputy

2.00

Owner Guss Johnsen
23N-20W 30
County Lake

GW 2 Revised 1969
13—3M—10/69

RECEIVED
DEC 23 1971
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Guss Johnsen

Address

Polson, Mont.

Date well started 1 Dec. /71

completed 14 DEC.

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Churn drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

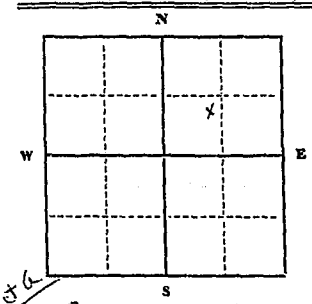
*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 10,000,000

For Administrator's Use
R-1312
File 201692
December 22, 1971
10:00 AM
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8 17#	2' up	124'	XXXXX	XXXXX	XXXX



Static water level FLOW ft.*
Pumping water level FLOW ft.*
at 25 gallons per minute,
measured 16 HRS minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power XXXXX Pump XXX HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Tract 6
S 2 ~~½~~ NE ¼ Sec. 30
T. 23 (N) S R. 20 E (W)
R.J. 2" discharge at G.L.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature George A Beebe

Driller's Address Box 47

Ravalli, Mont. LICENSE NO. 204

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	5	Clay, topsoil
5	9	Boulders, cobblestones
9	11	tan clay
11	42	tan clay, & gravel
42	49	Boulders, cobblestones, tan clay
49	78	tan clay, course gravel
78	121	tan clay, fine gravel
121	123	sandy tan clay
123	124	gray gravel, course sand

124 Show exact depth of bottom

49630

R- 1312

201632

WELL REPORT

GENE JOHNSON

TO

THE PUBLIC

STATE OF MONTANA }
County of Lake } ss

Filed on the 22 day of Oct.

A.D. 19 91 at 10:00 o'clock A M

ETHEL M. HARDING

County Clerk and Recorder

By Louisa Barrows

Deputy

200

Special Instructions:

(For Informational Purposes Only) --- The Groundwater Code specifically states, " No groundwaters shall be wasted without beneficial use. The administrator shall require all wells producing waters which contaminate other waters to be plugged or capped. He shall also require all flowing wells to be so capped or equipped with valves that the flow of water can be stopped when the

(OVER)

RECEIVED

of Natural Resources and Conservation
esources Division
eering Bureau
ndwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Sent on
1/10/72

Owner Gene Johnson
Address Polson, Montana 59860
Location T.23N, R.20W Sec.30
Doc. No. 201632, P-1312

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

(For Informational Purposes Only) --- The Groundwater Code specifically states, "No groundwaters shall be wasted without beneficial use. The administrator shall require all wells producing waters which contaminate other waters to be plugged or capped. He shall also require all flowing wells to be so capped or equipped with valves that the flow of water can be stopped when the

(OVER)

water is not being put to beneficial use. Likewise, both flowing and non-flowing wells shall be so constructed and maintained as to prevent the waste, contamination or pollution of ground waters through leaky casings, pipes, fittings, valves, or pumps either above or below the land surface --- " except in certain necessary cases. (Section 89-2926 of the Ground water Code.)

If your well is capped or valved and constructed properly to prevent waste and contamination, please disregard this notice.

3 GW 2 Revised 1969
13—3M—10/69

23N-20W
County LAKE 30

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 19 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bernice Merigeau

Address 333½ Main
Polson, Mont.

Date well started 29 Sept.
completed 30 Sept.

For Administrator's Use
File 201085 November 17, 1971 2:15 PM
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Churn Drill (Churn drill, rotary or other)

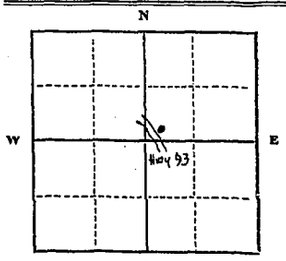
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 5,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8 x 17#	2' up	41	XXXXX	XXXXX	XXXXX



SW ¼ NE ¼ Sec. 30
T. 23 N R. 20 W

Static water level 1 ft.*
Pumping water level 35 ft.*
at 12 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by bailer
for 4 hours.
Power none Pump ——— HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature George O. Beebe

Driller's Address Box 47
Ronan, Mont. LICENSE NO. 204

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	top soil
1	28	tan clay w/ broken rock
28	33	tan clay & gravel
33	34	fine broken rock & gravel 2 g.p.m.
34	39	tan clay thin streaks of gravel-seep of water
39	41	clean gravel/ water

41 Show exact depth of bottom

49430

R 1304

201085

BERNICE [redacted]
MORECHAU

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA }
County of Lake } ss

Filed on the 17 day of Nov

A. D. 19 71 at 2:15 o'clock M

ETHEL M. HARDING
County Clerk and Recorder

By Jewell Stats
Deputy

23N-20W

30

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAR 20 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Obert Tu

Address West Shore

Polson, Mont.

Date well started Oct. 16, 72

completed Oct. 18, 72

For Administrator's Use
File 208494; R1478
March 16, 1973
GW 1 4:25 p.m.

Type of well drilled (Dug, driven, bored or drilled)

Equipment used churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

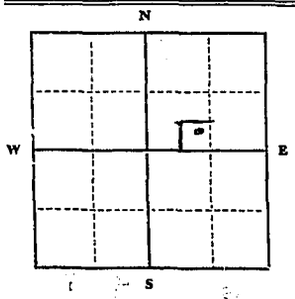
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 17 lb	0	146	6"	143	146



Static water level 100 ft.*
Pumping water level 40 ft.*
at 30 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by air
for 3 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW¼ NE¼ Sec. 30
T. 23 N R. 20 W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [signature]

Driller's Address 816 15th ave east

Polson LICENSE NO. 8

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	33	clay
33	87	gravel, clay, cemented
87	130	gray clay, fine sand
130	146	pea gravel, water

146 Show exact depth of bottom

52,699

208494

R- 45 1428

OBERT TU

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA } ss
County of Lake

Filed on the 16 day of March
A. D. 19 73 at 4:25 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
By Jewell Dent Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 23 N R. 20 W 30

DUPLICATE

County: Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

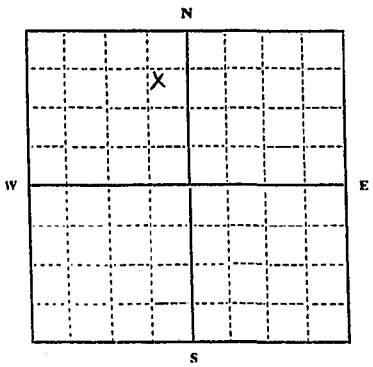
RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WILLIAM G. WELCH and JEAN K. WELCH, of P.O. Box 1407 Polson
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW 1/4 Sec 30 T. 23 R. 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water and sub irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been well, 1920; sub irrigation natural process; use continuous since 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute) well, 6 gallons per minute; sub irrigation, amount unknown.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 10 acres in NE 1/4 NW 1/4 sub irrigated

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well, bucket dip

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920

8. The depth of water table about 1 foot

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well 5 x 5 x 5 feet deep, rock lined

10. The estimated amount of groundwater withdrawn each year 15,000 gallons per year

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner William G. Welch
Jean K. Welch

Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24265

R 264

163110

Water Report.

Wm. H. & Jean K. Welch

to

The Public

STATE OF MONTANA
County of Lake.
Filed on the 31 day Dec
A. D. 1963 at 2:29 o'clock P
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman
Deputy

4660-976LJ
SEC 30 T23N R20W 30

County Lake

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

JOHN A. CARPENTER

Owner Carl Seifert

Address Polson, Montana

Date well started January 71, 1972

completed May 24, 197[illegible]

For Administrator's Use
File
GW 2

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Chrom (Chern drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 17#	109	557	4" glas	409	655

N
W E
S

SW ¼ NW ¼ Sec. 30
T. 23 N/S R. 20 E/W

Static water level 126 ft.*
Pumping water level 7 ft.*
at 12 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Emmett O'Keefe

Driller's Address Polson, Montana

LICENSE NO. 0

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	84	Tan clay
84	96	Sand, stones, silt
96	164	Gravel, silt
164	191	Clay, gravel
191	239	Clay, gravel
239	240	Gravel, water 3 gal.
240	401	Clay, gravel
401	504	Cemented gravel
504	520	Gravel, gray clay
520	530	Soft rock
530	595	Gray clay
595	640	Gray rock
640	690	Yellow rock
690	700	Hard, brown rock

700 Show exact depth of bottom

4660- 976LJ
SEC 30 T23N R20W 30/
County Lake

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner JOHN A. CARPENTER Carl Seifert

Address Polson, Montana

For Administrator's Use
File

Date well started January 31, 1973

completed May 24, 1973

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

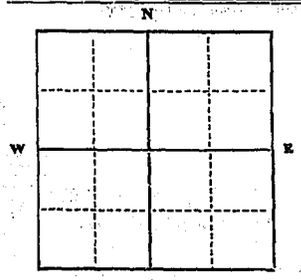
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 17#	189	533	4" plastic	466	655



SW ¼ NW ¼ Sec. 30
T. 23 N/S R. 20 E/W

Static water level 126 ft.*
Pumping water level 70 ft.*
at 12 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Emmett O'Keefe

Driller's Address Polson, Montana

LICENSE NO. 8

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	84	Tan clay
84	96	Sand, stones, silt
96	164	Gravel, silt
164	191	Clay, gravel
191	239	Clay, gravel
239	240	Gravel, water 3 gal.
240	481	Clay, gravel
481	504	Cemented gravel
504	520	Gravel, gray clay
520	530	Soft rock
530	595	Gray clay
595	640	Gray rock
640	690	Yellow rock
690	700	Hard, brown rock

700 Show exact depth of bottom

STATE OF MONTANA,
County of Lake } ss.

Earl Seifert having first been duly sworn, depose s and say s that he was of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he know s the contents of said foregoing notice and that the matters and things therein stated are true.

Earl Seifert

Subscribed and sworn to before me, this 20th day of March, 19 74

Ethel M. Harding
Notary Public for the State of Montana.
Residing at Salmon, Montana
My Commission expires Sept. 10 1974

5

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

31

File No.

T 23 N R 20 W

DUPLICATE

County Lake

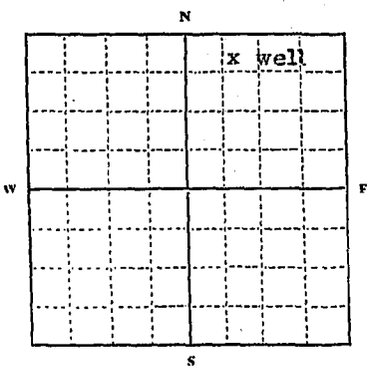
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph R. Tower (Name of Appropriator), of (Address) Polson (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ NE ¼ Sec. 31 T. 23 R. 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
stockwater and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table fifty feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
100 feet in depth

10. The estimated amount of groundwater withdrawn each year 2,000 gallons per day

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ralph R Tower

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24197

R-696

163037

Ralph R. Towne

STATE OF MONTANA } ss.
County of Lake,

Filed on the 31 day of Dec.
A. D. 1963 at 9:29 o'clock A M

HAZEL KINNICK
County Clerk and Recorder

By M Knauss
Deputy

~~FA~~ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—41921 #32

File No.....

T 23N R 20W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

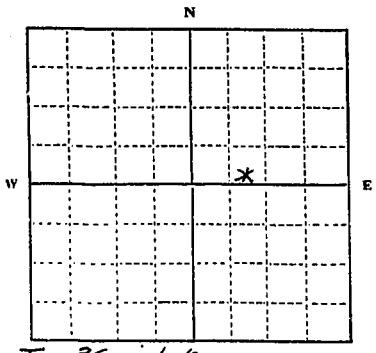
RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cyril and Vera Eid, of Shore Line Route Polson
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Tr. 30 in lot 2

SE/4 SW 1/4 NE/4 Sec 32 T23N R 20W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 11 years Constantly

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch Casing 55 ft. deep

10. The estimated amount of groundwater withdrawn each year 19 thousand gallon

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Cyril J Eid / Vera B. Eid

Date Dec. 20 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12198

R418

162656

Water Report

Cyril J. Eid

Vera B. Eid

to

The Public

STATE OF MONTANA,
County of Lake,
Filed on the 20 day of Dec
A. D. 196 3 at 2:25 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By E. Newman
Deputy

2 00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

APR 11 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

23N-20W 32

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Donald Groves

Address West Shore
Polson, Montana

Date well started Oct. 9, 72

completed Oct. 9, 72

For Administrator's Use
File 208911; R-1436
April 16, 1973
GW 1 12:25 p.m.

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

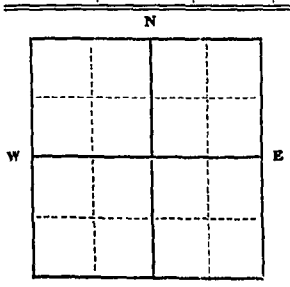
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" ID 17#	0	90	None		



SE 4 ¼ SW 4 ¼ Sec. 32
T. 23 (N/S) R. 20 (E/W)

Static water level 65 ft.*
Pumping water level 80 ft.*
at 20 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Emmett O'Keefe

Driller's Address Polson, Mont.

LICENSE NO. 8

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	90	Clay & Rock
90	105	Rock

Show exact depth of bottom

52,869